



BOBBY JINDAL
GOVERNOR

PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20090001
Agency Interest No.: 168206

Mr. Denis C. Swords
Secretary / Legal Counsel
Petsec Energy, Inc
3861 Ambassador Caffery Pkwy, Ste 500
Lafayette, LA 70503

RE: Initial Permit, College Point - St. James Field Production Facility No.1, Petsec Energy Inc
St. James, St. James Parish, Louisiana

Dear Mr. Swords:

This is to inform you that the permit request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may email your changes to facupdate@la.gov.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2010.

Permit No.: 2560-00285-00

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:ST

**PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**

**PETSEC ENERGY, INC.
COLLEGE POINT - ST. JAMES PRODUCTION FACILITY NO. 1
PROPOSED INITIAL MINOR SOURCE (SYNTHETIC) AIR OPERATING PERMIT**

The LDEQ, Office of Environmental Services, is accepting written comments on the proposed initial minor source (synthetic) air operating permit for Petsec Energy, Inc., 3861 Ambassador Caffery Pkwy, Suite 500, Lafayette, LA 70503 for the College Point - St. James Production Facility No. 1. The facility is located on Martin St., approx. 1.1 miles from the intersection of Martin St. and State Road 18, and approx. 2.5 miles southeasterly from St. James, within St. James Parish.

Petsec Energy, Inc requested a permit for College Point – St. James Field Production Facility No. 1, a typical oil and gas production facility that is used to treat and handle production from the E. Laurent No. 1 well completion. Production from the well flows through a line heater and then to a high pressure separator. Gas from the high-pressure separator is routed to the glycol contact tower for drying, and then piped to a JT Unit. Vapors from the glycol still column are routed through a condensing unit where liquids are collected and effluent vapors are routed to the flame zone of the glycol burner, such that when the burner cycles, vapors are released to atmosphere through the burner stack. Dry gas from the glycol contact tower is routed to the JT Unit prior to being compressed and discharged off-site for sales. The JT unit is designed to drop out liquids from the process by dropping the pressure across a throttling valve. Condensed liquids from the JT Unit and liquids from the high pressure separator are routed to a low pressure separator. Gas from the low pressure separator is released to atmosphere through the water storage tank. Oil and water from the low pressure separator are routed to on-site tanks for storage until hauled by tank truck for sales and disposal; respectively. Various blowcase vessels, gas operated pumps & insignificant storage tanks are also located at the facility.

CAPs are established for three gas operated pumps (9-09-GOP, 10-09-GOP & 11-09-GOP) and for loading losses (14-09-LL) to limit VOC emissions. This permit will include federally enforceable conditions limiting the operating rates of Wilden M2 Pump (9-09-GOP) to 117 Mscf/yr, Wilden M4 Pump (10-09-GOP) to 234 Mscf/yr, Wilden M8 Pump (11-09-GOP) to 468 Mscf/yr and Loading Losses (14-09-LL) to a throughput of 10,950 BOPY. The federally enforceable conditions will enable the listed equipment/process to keep the VOC emissions below the major source threshold.

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Emissions (Tons/yr)
PM ₁₀	0.24
SO ₂	0.01
NO _x	75.19
CO	75.18
VOC*	95.62

VOC* speciation of TAPs is estimated to be less than any associated MER.

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A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, May 24, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application and proposed permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the St. James Parish Library, West St. James Branch, 2593 Hwy. 20, Vacherie, LA 70090-0190.

Inquiries or requests for additional information regarding this permit action should be directed to Suchi Theegala, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3115.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx .

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm .

All correspondence should specify AI Number 168206, Permit Number 2560-00285-00, and Activity Number PER20090001.

Scheduled Publication Date: Wednesday, April 21, 2010

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

College Point - St. James Field Production Facility No.1

Agency Interest No.: 168206

Petsec Energy Inc

St. James, St. James Parish, Louisiana

I. BACKGROUND

Petsec Energy Inc, College Point - St. James Field Production Facility No.1 is an oil and gas production facility. The College Point - St. James Field Production Facility No.1 will operate under Permit No. 2560-00285-00 when issued.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated November 24, 2009, were received requesting a permit.

III. DESCRIPTION

College Point – St. James Field Production Facility No. 1 is a typical oil and gas production facility that is used to treat and handle production from the E. Laurent No. 1 well completion. Production from the well flows through a line heater and then to a high pressure separator. Gas from the high-pressure separator is routed to the glycol contact tower for drying and then piped to a JT Unit. Vapors from the glycol still column are routed through a condensing unit where liquids are collected and effluent vapors are routed to the flame zone of the glycol burner, such that when the burner cycles, vapors are released to atmosphere through the burner stack. Dry gas from the glycol contact tower is routed to the JT Unit prior to being compressed and discharged off-site for sales. The JT unit is designed to drop out liquids from the process by dropping the pressure across a throttling valve. Condensed liquids from the JT Unit and liquids from the high pressure separator are routed to a low pressure separator. Gas from the low pressure separator is released to atmosphere through the water storage tank. Oil and water from the low pressure separator are routed to on-site tanks for storage until hauled by tank truck for sales and disposal; respectively. Various blowcase vessels, gas operated pumps & insignificant storage tanks are also located at the facility.

CAPs are established for three gas operated pumps (9-09-GOP, 10-09-GOP & 11-09-GOP) and for loading losses (14-09-LL) to limit VOC emissions. This permit will include federally enforceable conditions limiting the operating rates of Wilden M2 Pump (9-09-GOP) to 117 Mscf/yr, Wilden M4 Pump (10-09-GOP) to 234 Mscf/yr, Wilden M8 Pump (11-09-GOP) to 468 Mscf/yr and Loading Losses (14-09-LL) to a throughput of 10,950 BOPY. The federally enforceable conditions will enable the listed equipment/process to keep the VOC emissions below the major source threshold.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

College Point - St. James Field Production Facility No.1
Agency Interest No.: 168206
Petsec Energy Inc
St. James, St. James Parish, Louisiana

Estimated emissions from this facility in tons per year are as follows:

<u>Pollutant</u>	<u>Emissions (Tons/yr)</u>
PM ₁₀	0.24
SO ₂	0.01
NO _x	75.19
CO	75.18
VOC *	95.62

*VOC speciation in tons per year:

<u>Pollutant</u>	<u>Emissions (Tons/yr)</u>
2,2,4-Trimethylpentane	0.13
Benzene	0.75
Ethylbenzene	0.20
Formaldehyde	0.23
Methanol	0.03
n-Hexane	2.17
Toluene	0.99
Xylenes	0.67
Total TAP's	5.17
Other VOC's	90.45
Total VOC's	95.62

IV. TYPE OF REVIEW

This permit was reviewed for compliance with Louisiana Air Quality Regulations. New Source Performance Standards (NSPS) & Prevention of Significant Deterioration (PSD) do not apply. National Emission Standards for Hazardous Air Pollutants (NESHAP) does apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs) and an area source of 40 CFR 63 Subpart HH- National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities and 40 CFR 63 Subpart ZZZZ-

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

College Point - St. James Field Production Facility No.1

Agency Interest No.: 168206

Petsec Energy Inc

St. James, St. James Parish, Louisiana

National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines.

V. PUBLIC NOTICE

Public notice is required due to federally enforceable condition limiting total VOC emissions below the major source threshold. A notice requesting public comment on the permit was published in xxxxxxxxxxxxxxxx. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on xxxxxxxxxxxxxxxx.

VI. EFFECTS ON AMBIENT AIR

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ does not require the applicant to model emissions.

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Ambient Air Quality Standard (NAAQS)
-	-	-	-
-	-	-	-
-	-	-	-

VII. GENERAL CONDITION XVII ACTIVITIES

Work Activity	Schedule	PM ₁₀	Emission Rates - tons		
			SO ₂	NO _x	CO
-	-	-	-	-	-

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

College Point - St. James Field Production Facility No.1

Agency Interest No.: 168206

Petsec Energy Inc

St. James, St. James Parish, Louisiana

VIII. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
1-09-LH-BS	1.0 MMBTU/hr Line Heater Burner Stack	LAC 33:III.501.B.5.Table A.1 & A.5
17-09-CST	2- 200 Gallons Chemical Storage Tanks	LAC 33:III.501.B.5. A.2
18-09-GST	350 Gallons Glycol Storage Tank	LAC 33:III.501.B.5. A.3
19-09-LOT	500 Gallons Lube Oil Tank	LAC 33:III.501.B.5. A.3

General Information

AI ID: 168206 College Point - St. James Field Production Facility #1

Activity Number: PER20090001
 Permit Number: 2560-00285-00
 Air - Minor (Synthetic) Initial

Also Known As:	ID	Name	User Group	Start Date
	2560-00285	CDS Number	CDS Number	12-09-2009
Physical Location:		Petsec Energy Inc	Multimedia	12-09-2009
Mailing Address:				
Location of Front Gate:	29.963056 latitude, -90.809167 longitude,	Coordinate Method: Lat.\\Long. - DMS, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Denis Swords	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WP)	Responsible Official for
	Denis Swords	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WF)	Air Billing Contact for
	Denis Swords	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WP)	Air Permit Contact For
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WP)	Air Billing Party for
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379897271 (WF)	Air Billing Party for
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379897271 (WF)	Owens
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379897271 (WF)	Operates
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WP)	Owens
	Petsec Energy Inc	3861 Ambassador Caffery Pkwy Ste 500 Lafayette, LA 70503	3379891942 (WP)	Operates

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milan, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AJ ID: 168206 - College Point - St. James Field Production Facility #1
 Activity Number: PER20090001
 Permit Number: 2560-00285-00
 Air - Minor (Synthetic) Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
College Point - St. James Production Facility No. 1						
EQT 0001 2-09-GR-BS - 175 MBTU/HR Glycol Regenerator- Burner Stack		.175 MM BTU/hr	.175 MM BTU/hr	.175 MM BTU/hr		8760 hr/yr
EQT 0002 3-09-GR-SCC - Glycol Regenerator-Still Column Condenser		912.5 MM scf/yr	912.5 MM scf/yr	912.5 MM scf/yr		8760 hr/yr
EQT 0003 4-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha L3711G, Gas Compressor)		4.1 MM BTU/hr	486 horsepower	486 horsepower		8760 hr/yr
EQT 0004 5a-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent	400 bbl	5475 bbl/yr	5475 bbl/yr	5475 bbl/yr	Oil	8760 hr/yr
EQT 0005 5b-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent	400 bbl	5475 bbl/yr	5475 bbl/yr	5475 bbl/yr	Oil	8760 hr/yr
EQT 0006 5c-09-WST-CV - 400 BBL Water Storage Tank-Common Vent	400 bbl	273750 bbl/yr	273750 bbl/yr	273750 bbl/yr	Water	8760 hr/yr
EQT 0007 6-09-LPS-WG - Low Pressure Separator-Waste Gas		6.1 MM scf/yr	6.1 MM scf/yr	6.1 MM scf/yr		8760 hr/yr
EQT 0008 7-09-GOP - Gas Operated Pump (Chemical Injection)		151 MM scf/yr	151 MM scf/yr	151 MM scf/yr		8760 hr/yr
EQT 0009 8-09-GOP - Gas Operated Pump (Chemical Injection)		151 MM scf/yr	151 MM scf/yr	151 MM scf/yr		8760 hr/yr
EQT 0010 9-09-GOP - Gas Operated Pump (Wilden M2)		117 MM scf/yr	117 MM scf/yr	117 MM scf/yr		52 hr/yr
EQT 0011 10-09-GOP - Gas Operated Pump (Wilden M4)		234 MM scf/yr	234 MM scf/yr	234 MM scf/yr		52 hr/yr
EQT 0012 11-09-GOP - Gas Operated Pump (Wilden M8)		468 MM scf/yr	468 MM scf/yr	468 MM scf/yr		52 hr/yr
EQT 0013 12-09-BV - Blowcase Vessel (Compressor Skid Fluids)		29200 gallons/yr	29200 gallons/yr	29200 gallons/yr		8760 hr/yr
EQT 0014 13-09-BV - Blowcase Vessel (Condensed Liquids)		63800 gallons/yr	63800 gallons/yr	63800 gallons/yr		8760 hr/yr
EQT 0015 14-09-LL - Loading Losses - Oil Transfer to Tank Truck		10950 bbl/yr	10950 bbl/yr	10950 bbl/yr		60.8 hr/yr
EQT 0016 15-09-PC - Pneumatic Controllers		1.9 MM scf/yr	1.9 MM scf/yr	1.9 MM scf/yr		8760 hr/yr
FUG 0001 16-09-FE - Fugitive Emissions						8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
College Point - St. James Production Facility No. 1							
EQT 0001 2-09-GR-BS - 175 MBTU/HR Glycol Regenerator- Burner Stack		7	77	.5	.12	1000	
EQT 0003 4-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha L3711G, Gas Compressor)		186	2187	.5		15	1000
EQT 0004 5a-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent		.5	.9	.2		12	70
EQT 0005 5b-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent		.5	.9	.2		12	70
EQT 0006 5c-09-WST-CV - 400 BBL Water Storage Tank-Common Vent		6.4	12	.2		12	70
EQT 0008 7-09-GOP - Gas Operated Pump (Chemical Injection)		16	.3	.02		2	70
EQT 0009 8-09-GOP - Gas Operated Pump (Chemical Injection)		16	.3	.02		2	70
EQT 0010 9-09-GOP - Gas Operated Pump (Wilden M2)		872	37	.03		2	70
EQT 0011 10-09-GOP - Gas Operated Pump (Wilden M4)		442	75	.06		2	70
EQT 0012 11-09-GOP - Gas Operated Pump (Wilden M8)		884	150	.06		2	70
EQT 0013 12-09-BV - Blowcase Vessel (Compressor Skid Fluids)		5.3	.1	.02		2	70

INVENTORIES

AI ID: 168206 - College Point - St. James Field Production Facility #1
 Activity Number: PER2009001
 Permit Number: 2560-00285-00
 Air - Minor (Synthetic) Initial

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
College Point - St. James Production Facility No. 1							
EQT 0014	13-09-BV - Blowcase Vessel (Condensed Liquids)	1.1	.02	.02		2	70
EQT 0015	14-09-LL - Loading Losses - Oil Transfer to Tank Truck	1.4	5.9	.3		5	70
EQT 0016	15-09-PC - Pneumatic Controllers						70
FUG 0001	16-09-FE - Fugitive Emissions						70

Relationships:

ID	Description	Relationship	ID	Description
EQT 0002	3-09-GR-SCC - Glycol Regenerator-Still Column Condenser	Vents to	EQT 0001	2-09-GR-BS - 175 MBTU/ HR Glycol Regenerator- Burner Stack
EQT 0007	6-09-LPS-WG - Low Pressure Separator-Waste Gas	Vents to	EQT 0006	5c-09-WST-CV - 400 BBL Water Storage Tank-Common Vent

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	Facility - College Point - St. James Production Facility No. 1

Group Membership:

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0040	0040 Crude Oil and Natural Gas Production (Less than 100 T/Yr Source)		

SIC Codes:

1311	Crude petroleum and natural gas	AI 168206
1311	Crude petroleum and natural gas	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 168206 - College Point - St. James Field Production Facility #1
 Activity Number: PER20090001
 Permit Number: 2560-00285-00
Air - Minor (Synthetic) Initial

Subject Item	CO		NOx			PM10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year												
College Point - St. James Production Facility No. 1															
EOT 0001 2-09-SP-BS	0.02	0.02	0.08	0.02	0.02	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.04	4.58
EOT 0003 4-09-ICE-ES	17.15	21.43	75.10	17.15	21.43	75.10	0.05	0.05	0.23	0.00	0.00	0.01	0.28	0.35	1.24
EOT 0004 5a-09-OST-CV													3.90	7.50	17.11
EOT 0005 5a-09-OST-CV													3.90	7.50	17.11
EOT 0006 5c-09-WST-CV													9.44	9.44	41.38
EOT 0008 7-09-GOP													0.11	0.11	0.49
EOT 0009 8-09-GOP													0.11	0.11	0.49
EOT 0010 9-09-GOP													14.74	14.74	0.38
EOT 0011 10-09-GOP													29.47	29.47	0.77
EOT 0012 11-09-GOP													58.95	58.95	1.53
EOT 0013 12-09-BV													0.03	0.37	0.14
EOT 0014 13-09-BV													0.01	0.05	0.03
EOT 0015 14-09-LL													42.74	68.38	1.30
EOT 0016 15-09-PC													1.45	1.45	6.34
FUG 0001 16-09-FE													0.62	0.62	2.73

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 168206 - College Point - St. James Field Production Facility #1
Activity Number: PER20090001
Permit Number: 2560-00285-00
Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 2-09-GR-B5	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.08	0.08	0.34
	Ethyl benzene	0.04	0.04	0.18
	Toluene	0.16	0.16	0.68
	Xylene (mixed isomers)	0.13	0.13	0.55
	n-Hexane	0.02	0.02	0.10
EQT 0003 4-09-ICE-ES	Benzene	0.02	0.02	0.10
	Formaldehyde	0.05	0.05	0.23
	Methanol	0.01	0.01	0.03
	Toluene	0.01	0.01	0.03
	Xylene (mixed isomers)	0.00	0.00	0.01
EQT 0004 5a-09-OST-CV	Benzene	0.01	0.03	0.06
	Toluene	0.00	0.01	0.02
	n-Hexane	0.09	0.15	0.39
EQT 0005 5b-09-OST-CV	Benzene	0.01	0.03	0.06
	Toluene	0.00	0.01	0.02
	n-Hexane	0.09	0.15	0.39
EQT 0006 5c-09-WST-CV	2,2,4-Trimethylpentane	0.02	0.02	0.07
	Benzene	0.03	0.03	0.15
	Toluene	0.04	0.04	0.16
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.20	0.20	0.86
EQT 0008 7-09-GOP	n-Hexane	0.00	0.00	0.01
EQT 0009 8-09-GOP	n-Hexane	0.00	0.00	0.01
EQT 0010 9-09-GOP	2,2,4-Trimethylpentane	0.07	0.07	0.00
	Benzene	0.05	0.05	0.00
	Ethyl benzene	0.04	0.04	0.00
	Toluene	0.11	0.11	0.00
	Xylene (mixed isomers)	0.11	0.11	0.00
	n-Hexane	0.41	0.41	0.01
EQT 0011 10-09-GOP	2,2,4-Trimethylpentane	0.15	0.15	0.00
	Benzene	0.10	0.10	0.00
	Ethyl benzene	0.08	0.08	0.00

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 168206 - College Point - St. James Field Production Facility #1

Activity Number: PER20090001

Permit Number: 2560-00285-00

Air - Minor (Synthetic) Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0011 10-09-GOP	Toluene	0.21	0.21	0.01
	Xylene (mixed isomers)	0.21	0.21	0.01
	n-Hexane	0.81	0.81	0.02
EQT 0012 11-09-GOP	2,2,4-Trimethylpentane	0.29	0.29	0.01
	Benzene	0.21	0.21	0.01
	Ethyl benzene	0.16	0.16	0.00
	Toluene	0.43	0.43	0.01
	Xylene (mixed isomers)	0.42	0.42	0.01
	n-Hexane	1.62	1.62	0.04
EQT 0013 12-09-BV	n-Hexane	0.00	0.01	0.00
EQT 0015 14-09-LL	Benzene	0.05	0.08	0.00
	n-Hexane	3.83	6.13	0.12
EQT 0016 15-09-PC	2,2,4-Trimethylpentane	0.01	0.01	0.03
	Benzene	0.01	0.01	0.02
	Ethyl benzene	0.00	0.00	0.02
	Toluene	0.01	0.01	0.05
	Xylene (mixed isomers)	0.01	0.01	0.05
	n-Hexane	0.04	0.04	0.17
FUG 0001 16-09-FE	2,2,4-Trimethylpentane	0.00	0.00	0.01
	Benzene	0.00	0.00	0.01
	Toluene	0.00	0.00	0.01
	Xylene (mixed isomers)	0.00	0.00	0.01
	n-Hexane	0.01	0.01	0.03
UNF 0001 Facility	2,2,4-Trimethylpentane			0.13
	Benzene			0.75
	Ethyl benzene			0.20
	Formaldehyde			0.23
	Methanol			0.03
	Toluene			0.99
	Xylene (mixed isomers)			0.67
	n-Hexane			2.17

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 168206 - College Point - St. James Field Production Facility #1

Activity Number: PER20090001

Permit Number: 2560-00285-00

Air - Minor (Synthetic) Initial

SPECIFIC REQUIREMENTS

All ID: 168206 - College Point - St. James Field Production Facility #1
 Activity Number: PER20090001
 Permit Number: 2560-00285-00
 Air - Minor (Synthetic) Initial

EQT 0001 2-09-GR-BS - 175 MBTU/ HR Glycol Regenerator- Burner Stack

1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

2 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified

EQT 0002 3-09-GR-SCC - Glycol Regenerator-Still Column Condenser

3 [40 CFR 63.774(d)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]
 Throughput recordkeeping by electronic or hard copy daily. Keep records of the actual throughput per day and the glycol circulation rate.

EQT 0003 4-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Waukesha L3711G; Gas Compressor)

5 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines or 40 CFR 60 Subpart JJJ for spark ignition engines. Subpart ZZZZ. [40 CFR 63.6590(c)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: Six-minute average

EQT 0004 5a-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent

8 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0005 5b-09-OST-CV - 400 BBL Oil Storage Tank-Common Vent

9 [LAC 33:III.2103.1.6] VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the type(s) of VOC stored and the length of time stored.

EQT 0010 9-09-GOP - Gas Operated Pump (Wilden M2)

SPECIFIC REQUIREMENTS**AI ID: 168206 - College Point - St. James Field Production Facility #1****Activity Number: PER20090001****Permit Number: 2560-00285-00****Air - Minor (Synthetic) Initial****EQT 0010 9-09-GOP - Gas Operated Pump (Wilden M2)**

- 10 [LAC 33:III.501.C.6] Equipment/operational data <= 117 MSCF/Yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if the operating rate exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 11 [LAC 33:III.507.H.1.a] Equipment/operational data monitored by technically sound method continuously.
- 12 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March. Report the operating rate for the preceeding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC33:III.535.
- 13 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the operating rate each month, as well as the total operating rate for the last twelve months. Make records available for inspection by DEQ personnel.

EQT 0011 10-09-GOP - Gas Operated Pump (Wilden M4)

- 14 [LAC 33:III.501.C.6] Equipment/operational data <= 234 MSCF/Yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if the operating rate exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 15 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the operating rate each month, as well as the total operating rate for the last twelve months. Make records available for inspection by DEQ personnel.
- 16 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March. Report the operating rate for the preceeding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC33:III.535.
- 17 [LAC 33:III.507.H.1.a] Equipment/operational data monitored by technically sound method continuously.

EQT 0012 11-09-GOP - Gas Operated Pump (Wilden M8)

- 18 [LAC 33:III.501.C.6] Equipment/operational data <= 468 MSCF/Yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if the operating rate exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 19 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the operating rate each month, as well as the total operating rate for the last twelve months. Make records available for inspection by DEQ personnel.
- 20 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March. Report the operating rate for the preceeding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC33:III.535.
- 21 [LAC 33:III.507.H.1.a] Equipment/operational data monitored by technically sound method continuously.

EQT 0015 14-09-LL - Loading Losses - Oil Transfer to Tank Truck

- 22 [LAC 33:III.501.C.6] Equipment/operational data <= 10,950 BOPY. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if the throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 23 [LAC 33:III.507.H.1.a] Equipment/operational data monitored by technically sound method continuously.
- 24 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March. Report the total throughput for the preceeding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC33:III.535.
- 25 [LAC 33:III.507.H.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total throughput each month, as well as the total throughput for the last twelve months. Make records available for inspection by DEQ personnel.

SPECIFIC REQUIREMENTS

AI ID: 168206 - College Point - St. James Field Production Facility #1
 Activity Number: PER20090001
 Permit Number: 2560-00285-00
 Air - Minor (Synthetic) Initial

FUG 0001 16-09-FE - Fugitive Emissions

26 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

UNF 0001 Facility - College Point - St. James Production Facility No. 1

- 27 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 2 of 40 CFR 63 Subpart HH and Table 8 of 40 CFR 63 Subpart ZZZZ.
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
 Outdoor burning of waste material or other combustible material is prohibited.
 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
 Comply with the Louisiana General Conditions as set forth in LAC 33:III.537.
 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.